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<p style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i></p>				<input checked="" type="checkbox"/> <b>Complete if Known</b>	
				Application Number	10/631,886
				Filing Date	July 11, 2003
				First Named Inventor	James W. Cady, et al.
				Art Unit	2841
				Examiner Name	TBA
Sheet	1	of	8	Attorney Docket Number	254-094-CIP5/AK 146859

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)			
		US-6,919,626 B2	7/19/2005	Burns	
		US-6,914,324 B2	7/5/2005	Rapport, et al.	
		US-6,908,792 B2	6/21/2005	Bruce, et al.	
		US-6,884,653	4/26/2005	Larson	
		US-6,803,651	10/12/2004	Chiang	
		US-6,709,893	3/23/2004	Moden, et al.	
		US-6,699,730 B2	3/2/2004	Kim, et al.	
		US-6,690,584	2/10/2004	Uzuka, et al.	
		US-6,683,377	1/27/2004	Shim, et al.	
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		US-6,576,992	6/10/2003	Cady, et al.	
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AUS:572666.

Substitute for form 1449/PTO				Complete if Known	
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		US-6,376,769 B1	4/23/2002	Chung	
		US-6,329,708	12/11/2001	Komiyama	
		US-6,316,825	11/13/2001	Park, et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			

Examiner Signature *Jin R. Vagnater* Date Considered *October 02, 2003*

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*Page No. 0805a*

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

8

Complete if Known

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA

Attorney Docket Number 254-094-CIP5/AK 146859

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VV		US-5,804,870	9/8/1998	Burns	
		US-5,801,439	9/1/1998	Fujisawa, et al.	
		US-5,789,815	8/4/1998	Tessier, et al.	
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VV		US-5,357,478	10/18/1994	Kikuda, et al.	
		US-5,252,857	10/12/1993	Kane, et al.	

FOREIGN PATENT DOCUMENTS					
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Examiner Signature	<i>[Signature]</i>	Date Considered	October 02, 2005
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/631,886
				Filing Date	July 11, 2003
				First Named Inventor	James W. Cady, et al.
				Art Unit	2841
				Examiner Name	TBA
Sheet	4	of	8	Attorney Docket Number	254-094-CIR5/AK 146859

SEARCHED PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
JWV		US-5,252,855	10/12/1993	Ogawa, et al.	1-10
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		US-2003/0109078 A1	6/12/2003	Takahashi, et al.	1-10

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		US-2003/0081392	5/1/2003	Cady, et al.	
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Sheet	7	of	8		

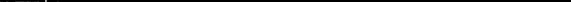
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Sheet 7 of 8

<b>Complete if Known</b>	
<b>Application Number</b>	10/631,886
<b>Filing Date</b>	July 11, 2003
<b>First Named Inventor</b>	James W. Cady, et al.
<b>Art Unit</b>	2841
<b>Examiner Name</b>	TBA
<b>Attorney Docket Number</b>	254-094-CIP5/AK 14685S

US PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
		US-2005/0040508 A1	2/24/2005	Lee	
		US-2005/0035440 A1	2/17/2005	Mohammed	
		US-2004/0245617 A1	12/9/2004	Damberg, et al.	
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		US-6,360,433 B1	3/26/2003	Ross	
		US-6,336,262	1/8/2002	Dalal, et al.	
		US-6,234,820 B1	5/22/2001	Perino, et al.	
		US-6,222,737 B1	4/24/2001	Ross	
		US-6,040,624	3/21/2000	Chambers, et al.	
		US-6,034,878	3/7/2000	Osaka, et al.	
		US-6,002,589	12/14/1999	Perino, et al.	

Examiner Signature		Date Considered	October 02, 2005
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Substitute for form 1449/PTO				Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/631,886
				Filing Date	July 11, 2003
				First Named Inventor	James W. Cady, et al.
				Art Unit	2841
				Examiner Name	TBA
Sheet	8	of	8	Attorney Docket Number	254-094-CIP5/AK 146859

U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

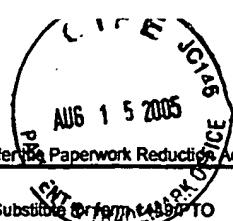
Examiner Signature		Date Considered	October 01, 2023
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 Substitute for Form 1490 PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
Sheet	1	of	3
		Application Number	10/631,886
		Filing Date	July 11, 2003
		First Named Inventor	James W. Cady, et al.
		Art Unit	2841
		Examiner Name	TBA
		Attorney Docket Number	254-094-CIP5 / AK 146859

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 3

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
JPV		WO 03/07053 A1	5/1/2003	Cady, et al.		
JPV		JP 63-153849 (A)	6/27/1998	Matsubara		
JPV		JP 62-230027 (A)	8/10/1987	Nakamura		
JPV		JP 4-209562 (A)	7/30/1992	Uzuka, et al.		
JPV		JP 104368167 (A)	12/21/1992	Omura		
JPV		JP 2003/347503 (A)	12/5/2003	Toshiyuki, et al.		

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Substitute for form 1449/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/631,886
				Filing Date	July 11, 2003
				First Named Inventor	James W. Cady, et al.
				Art Unit	2841
				Examiner Name	TBA
Sheet	2	of	3	Attorney Docket Number	254-094-CIPS / AK 146859

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY			
BEL		JP 2003/347475 (A)	12/5/2003	Mitsuru		
JSC		JP 2003/309247 (A)	10/31/2003	Mitsuru		
93V		JP 2000/307029 (A)	11/2/2000	Mitsuru		
KSG		JP 60-254762 (A)	12/16/1985	Fujitsu		
WY		JP 5029534 (A)	2/5/1993	Nakamura		
ABU		JP 2001047659 (A)	3/8/1986	Soga, et al.		

Examiner Signature		Date Considered	October 02, 2005
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Substitute for form 1449/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/631,886
				Filing Date	July 11, 2003
				First Named Inventor	James W. Cady, et al.
				Art Unit	2841
				Examiner Name	TBA
Sheet	3	of	3	Attorney Docket Number	254-094-CIPS / AK 146859

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet

of 3

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
KJH		JP 259088863 (A)	5/22/1984	Shiragasawa, et al.		
KJH		EP 0426-303 (A2)	10/1/1990	Legg, et al.		
JPV		DE 004215467 A1	11/12/1992	Chun		
JPV		DE 004214102 A1	12/3/1992	Chun		

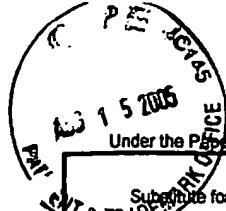
Examiner Signature		Date Considered	October 02, 2005
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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

1

Complete if known

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5 / AK 146859

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
BR		Tessera uZ Ball Stack Package. 4 figures that purport to be directed to the uZ' - Ball Stacked Memory. Published on the Internet.
BR		Ron Bauer, Intel. "Stacked-CSP Delivers Flexibility, Reliability, and Space-Saving Capabilities", Volume 3, Spring 2002. Published on the Internet.
BR		1992 Proceedings, 42nd Electronic Components & Technology Conference, May 18-20, 1992
BR		Research Disclosure, Organic Card Device Carrier, 31318, May 1990, No. 313
BR		IBM Technical Disclosure Bulletin, Vol. 23, No. 12, May 1981
BR		IBM Technical Disclosure Bulletin, Vol. 20, No. 11A, Apr. 1978
BR		IBM Technical Disclosure Bulletin, vol. 32, No. 3B, Aug. 1989
BR		Orthogonal Chip Mount - A 3D Hybrid Wafer Scale Integration Technology, International Electron Device Meeting, IEDM Technical Digest, Washington, D.C., Dec. 6-9, 1987

Examiner Signature	<i>John B. Vugrin</i>	Date Considered	October 21, 2003
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*Paper No. 0805c*

Form PTO-1449 (Modified  
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Patent and Trademark OfficeINFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(37 CFR 1.98(b))

ATTY. DOCKET NO.	SERIAL NO.
254-094-CIPS	10/631,886
APPLICANT	
James W. Cady, et al.	
FILING DATE	GROUP
July 11, 2003	2841

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
JBV	US 5,117,282	05/26/1992	Salatino	357	81	10/29/1990
JBV	US 5,448,511	09/05/1995	Paurus, et al.	365	52	06/01/1994
	US 5,642,055	06/24/1997	Difrancesco	324	757	05/12/1995
	US 5,917,709	06/29/1999	Johnson, et al.	361	803	06/12/1997
	US 6,121,676	09/19/2000	Solberg	257	686	12/11/1997
	US 6,222,737 B1	04/24/2001	Ross	361	767	04/23/1999
JBV	US 6,360,433 B1	03/26/2003	Ross	29	840	09/19/2000

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
JBV	2003309246(A)	10/31/2003	Japan			Partial	
JBV	2003086761(A)	03/20/2003	Japan			Partial	
JBV	2003086760(A)	03/20/2003	Japan			Partial	
JBV	2003037246(A)	02/07/2003	Japan			Partial	
JBV	2001332683(A)	11/30/2001	Japan			Partial	
JBV	2001085592(A)	03/30/2001	Japan			Partial	
JBV	2001077294(A)	03/23/2001	Japan			Partial	

**OTHER DOCUMENTS**  
(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


EXAMINER

*John B. Vagishan*

DATE CONSIDERED

*October 01, 2005*

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(37 CFR 1.98(b))

ATTY. DOCKET NO.	SERIAL NO.
0254-094-CIP-5	10/631,886
APPLICANT	
Cady, et al	
FILING DATE	GROUP
7/14/03	2818

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
JBV	5,428,190	6/27/1995	Stopperan	174/261		7/2/1993
	6,097,087	8/1/2000	Farnworth, Warren M. et al	257/698		10/31/1997
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	6,368,896B2	4/9/2002	Farnworth, Warren M. et al	438/113		4/23/1999
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	6,426,240B2	7/30/2002	Isaak	438/106		6/25/2001
	6,426,549B1	7/30/2002	Isaak, Harlan R.	257/686		11/3/2000
JBV	6,444,921B1	9/3/2002	Wang, et al	174/260		2/3/2000
	6,465,877B1	10/15/2002	Farnworth, Warren M. et al	257/668		3/27/2000
JBV	6,514,793B2	2/4/2003	Isaak	438/109		2/4/2003

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

**OTHER DOCUMENTS**  
(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

*John B. Vugrin*

DATE CONSIDERED

*October 01, 2005*

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(37 CFR 1.98(b))

ATTY. DOCKET NO. SERIAL NO.

0254-094-CIP-5 10/631,886

## APPLICANT

Cady, et al

FILING DATE GROUP

7/14/03 2818

## U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
JBV	4,763,188	8/9/1988	Johnson, Thomas	257/777	655/100	11/4/1987
	5,239,198	8/24/1993	Lin et al.	257/693		7/2/1992
	6,028,365	2/22/2000	Akram et al.	257/778		3/30/1998
	6,433,418	8/13/2002	Fujisawa et al.	257/696		4/29/1999
	6,208,521B1	3/27/2001	Nakatsuka, Yasuo	361/749		5/19/1998
	6,265,660B1	7/24/2001	Tandy, Patrick W.	174/52.4		8/18/2000

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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						Yes	No
JBV	5-21697(A)	01/1993	Japan			Partial	
JBV	57-31166(A)	02/19/1982	Japan			Partial	
JBV	58-96756(A)	06/08/1983	Japan			Partial	
JBV	58-112348(A)	07/04/1983	Japan			Partial	
JBV	60-254762	12/1985	Japan			Partial	
JBV	62-230027(A)	10/08/1987	Japan			Partial	
JBV	63-153849(A)	06/27/1988	Japan			Partial	

OTHER DOCUMENTS  
(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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	Dense-Pac Microsystems, DPS512X16A3, Ceramic 512K X 16 CMOS SRAM Module
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	"Chip Scale Packaging and Redistribution," Paul A. Magill, Glenn A. Rinne, J. Daniel Mis, Wayne C. Machon, Joseph W. Baggs, Unitive Electronics Inc.

EXAMINER

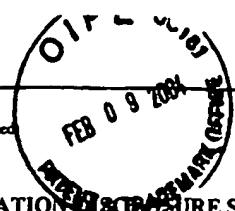
John J. Vugrin

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0254-094-CIP-5

10/624,097

APPLICANT

Cady; et al

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7/21/03

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2818

INFORMATION & SECURITY STATEMENT BY APPLICANT

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(37 CFR 1.98(b))

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*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
BV	6,300,679B1	10/9/2001	Mukerji et al.	257/738		6/1/1998
	6,462,412B2	10/8/2002	Kamei et al	257/723		1/17/2001
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V	6,572,387B2	6/3/2003	Burns et al.	439/69		3/19/2002
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						Yes	No
BV	EP 461-639-A	12/1991	European			X	
BV	EP 0 298 211 A#	01/11/1989	European			X	
BV	EP 122-687-A	10/24/1984	European			X	
BV	SU 834-957	05/30/1981	Russian			Partial	

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	IBM Preliminary 168 Pin SDRAM Registered DIMM Functional Description & Timing Diagrams
	"3D Interconnection for Ultra-Dense Multichip Modules," Christian VAL, Thomson-CSF DCS Computer Division, Thierry Lemoine, Thomson-CSF RCM Radar Countermeasures Division
	"High Density Memory Packaging Technology High Speed Imaging Applications," Dean Frew, Texas Instruments Incorporated
	Teresa Technologies, Inc. - Semiconductor Intellectual Property, Chip Scale Packaging - Website pages (3)
	"Tessera Introduces uZ™ - Ball Stacked Memory Package for Computing and Portable Electronic Products" Joyce Smaragdis, Tessera Public Relations; 2 figures that purport to be directed to the uZ™ - Ball Stacked Memory Package.

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0254-094-CIP-5 10/624,097

## APPLICANT

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BV	6,620,651B2	9/16/2003	He et al.	438/113		10/23/2001
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Tessera uZ Ball Stack Package. 4 figures that purport to be directed to the uZ - Ball Stacked Memory, 1 Page.
"Vertically-Integrated Package," Alvin Weinberg, Pacesetter, Inc. and W. Kinzy Jones, Florida International University

EXAMINER John B. Viginson DATE CONSIDERED October 02, 2005

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				<b>APPLICANT</b> Cady, et al			
				<b>FILING DATE</b> 7/21/03		<b>GROUP</b> 2818	
<b>U.S. PATENT DOCUMENTS</b>							
*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)	
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	4,406,508	09/27/1983	Sadigh-Behzadi	339/75		07/02/1981	
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<b>FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION</b>							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
<b>OTHER DOCUMENTS</b> <i>(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</i>							
BV	Chip Scale Review Online - An Independent Journal Dedicated to the Advancement of Chip-Scale Electronics. (Website 9 pages) Fjelstad, Joseph, Pacific Consultants L.L.C.						
	Flexible Thinking: Examining the Flexible Circuit Tapes. (Website 2 pages) Fjelstad, Joseph.						
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	Flexible Printed Circuit Technology - A Versatile Interconnection Option. (Website 2 pages) Fjelstad, Joseph. December 3, 2002.						
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7/21/03	2818

U.S. PATENT DOCUMENTS

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	4,821,007	04/11/1989	Fields, et al	333/238		02/06/1987
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	4,911,643	03/27/1990	Perry, et al	439/67		08/03/1989
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Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

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EXAMINER	<i>Jean B. Vynson</i>	DATE CONSIDERED	<i>October 02, 2005</i>
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7/21/03	2818

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7/21/03	2818

U.S. PATENT DOCUMENTS

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